PlayStation®2

SCPH-30000 series
SCPH-35000 series
SCPH-30000R series
SCPH-39000 series
SCPH-50000/50000SS/50000AQ series

SERVICE MANUAL – Appendix A component list Level-2

version 3

Appendix A - Level 2 component list

Most of the components listed within refer back to the reference diagrams printed in the Level 1 manual. Only authorised SSC / ASC will be able to order these parts through WRPC(E). All processes and technical information required to perform level 2 service is covered by specific training at SEC for authorised engineers.

Level 2 main processes include:

- Optical Block replacement and adjustment.
- Main Board exchange procedure and ID re-write

SCPH 30002/3/4 C Overall and Main Block re. Page 7

Ref-No.	Part No.	Description	Remark	Place code
71 Euro	3-066-490-02	LABEL, MODEL NUMBER for SCPH-30004		#87
84	3-067-170-01	TAPE, HARNESS STOPPER		#88
89	3-325-679-91	SCREW (2 LOCK), +BV TAPPING		#87
96	X-3951-395-1	CHASSIS ASSY		#87
110	3-066-501-01	FRAME (LOWER)		#16
135	3-988-711-02	LABEL, LASER CAUTION		#10
140	3-066-545-01	SHEET (R), ELECTRIC HEAT		#16
141	X-3951-396-1	SHIELD (C) ASSY		#87
146	3-066-609-01	CLIP, SHIELD		#00
147	3-066-488-01	SCREW (M3X9), +BV TAPPING		#25GD
150	A-6705-236-A	FRAME (UPPER) BLOCK ASSY		#87

SCPH 30002/3/4 C MD Block re. Page 8

Ref-No.	Part No.	Description	Remark	Place code
2	1-763-611-11	MOTOR, DC (SPINDLE)		#10SP
3	1-763-639-11	MOTOR, DC		#10
5	3-059-845-01	SCREW (B2X6.5), SHAFT RETAINER		#10
7	3-065-275-02	FRAME, SUB		#10
8	3-065-277-01	INSULATOR		#10
9	3-065-276-01	SCREW, STEP		#10
10	X-3951-151-1	CHASSIS ASSY, MAIN		#10
13	3-059-854-01	SHAFT, MAIN		#10
14	3-059-855-02	RACK		#10
16	3-060-399-01	SCREW, SKEW		#10
18	3-065-281-01	SHEET, SHAFT RETAINER		#10
22	3-062-728-01	0 PLATE 3 MAIN M2X3.2		#10
23	8-820-141-34	DEVICE, OPICAL KHS-400B		#10OP
26	X-3951-152-2	CHASSIS ASSY, SUB		#10
30	3-065-271-03	FRAME, MAIN		#10
32	3-065-279-02	SCREW, CAM RETAINER		#10
33	3-065-278-02	CAM, TILT		#10
34	3-067-169-01	SPRING (TILT), PLATE		#10
35	3-065-282-01	GUIDE (L)		#10
36	3-065-283-01	GUIDE (R)		#10
37	3-065-557-01	SCREW (M2X6.0)		#10
38	3-065-274-01	CAM, SLIDE		#10GB
39	3-065-505-0	BELT, RUBBER		#10GB
40	3-067-186-01	SHEET (V), ELECTRIC HEAT		#10
42	X-3951-501-1	HEAT SINK ASSY, MD		#10
138	1-757-588-11	CABLE, FLAT (FFC-308)		#12

SCPH 30000 & 35000 series D Overall and Main Block re. Page 10

Ref-No.	Part No.	Description	Remark	Place code
71 Euro	3-069-121-01	LABEL, MODEL NUMBER (CEL) for SCPH-30003D		#87
94	X-395-172-12	COVER ASSY, UPPER		#87
135	3-988-711-02	LABEL, LASER CAUTION		#87
156	3-068-669-02	SHIELD (B)		#16
156	3-068-669-11	SHIELD (B)		#16
157	3-068-674-02	SHEET, INSULATING		#16
161	3-070-120-01	SHEET, INTERCEPTION for GH010 and GH014.		#16
B265	3-069-170-01	TAPPING (B2X6.5)		#87
BV316	3-070-296-01	TAPPING +BV 3X16		#87
BV316	3-325-679-91	SCREW (2 LOCK), +BV TAPPING		#87
M225	3-069-169-01	SCREW (M2X2.5)		#87

SCPH 30000 & 35000 series D MD Block re. Page 11

Ref-No.	Part No.	Description	Remark	Place code
2	1-763-700-12	MOTOR, DC (SPINDLE)		#10SP
2	8-835-733-02	MOTOR, DC SSC28C/C-NP (SPINDLE)		#10SP
3	1-763-639-21	MOTOR, DC		#10
5	3-059-845-01	SCREW (B2X6.5), SHAFT RETAINER		#10
7	X-3951-637-1	FRAME ASSY, SUB		#10
8	3-065-277-01	INSULATOR		#10
9	3-065-276-01	SCREW, STEP		#10
10	X-3951-606-1	CHASSIS ASSY, MAIN		#10
13	3-059-854-02	SHAFT, MAIN		#10
14	3-059-855-02	RACK		#10
16	3-060-399-01	SCREW, SKEW		#10
17	3-060-400-01	TAPPING (B2X6.5)		#10
22	3-062-728-01	0 PLATE 3, MAIN M2X3.2		#10
23	8-820-141-33	DEVICE, OPICAL KHS-400B		#10OP
26	X-3951-607-1	CHASSIS ASSY, SUB		#10
27	X-3951-609-1	BRACKET ASSY, PULLEY		#10
28	X-3951-608-1	TRAY ASSY		#10TR
30	X-3951-610-3	FRAME ASSY, MAIN		#10
32	3-068-075-01	SCREW (SUB), STEP		#10
33	3-065-278-02	CAM, TILT		#10
34	3-068-076-01	SPRING (TILT), LEAF		#10
35	3-065-282-01	GUIDE (L)		#10
36	3-065-283-01	GUIDE (R)		#10
37	3-065-557-01	SCREW (M2X6.0)		#10
41	3-065-279-02	SCREW, CAM RETAINER		#10

SCPH 30002/3/4 R F Overall & Main Block

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Ref-No.	Part No.	Description	Remark	Place code
71 Euro	3-072-417-01	LABEL, MODEL NUMBER (CEL)	for SCPH-30004 R F	#87
92	A-6705-439-A	SWITCH BLOCK ASSY		#87
94	X-395-172-12	COVER ASSY, UPPER		#87
156	3-071-970-01	SHIELD B (F)		#16
B265	3-069-170-01	TAPPING (B2X6.5)		#87

SCPH 30002/3/4 R F MD Block

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Ref-No.	Part No.	Description	Remark	Place code
2	1-763-700-21	MOTOR, DC (SPINDLE)		#10SP
3	1-763-639-21	MOTOR, DC(SLED)		#10
5	3-059-845-01	SCREW (B2X6.5), SHAFT RETAINER		#10
7	X-3951-637-1	FRAME ASSY, SUB		#10
8	3-065-277-01	INSULATOR		#10
9	3-065-276-01	SCREW, STEP		#10
10	3-071-957-01	CHASSIS, MAIN		#10
13	3-059-854-02	SHAFT, MAIN		#10
14	3-059-855-02	RACK		#10
16	3-060-399-01	SCREW, SKEW		#10
17	3-060-400-01	TAPPING (B2X6.5)		#10
22	3-062-728-01	0 PLATE 3 MAIN M2X3.2		#10
23	8-820-151-18	DEVICE, OPTICAL KHS-400C Made by Sony		#10OP
26	X-3952-057-1	CHASSIS ASSY, SUB		#10
27	X-3952-059-1	BRACKET ASSY, PULLEY		#10
28	X-3952-060-1	TRAY ASSY		#10TR
30	X-3952-058-1	FRAME ASSY, MAIN		#10
32	3-068-075-02	SCREW (SUB), STEP		#10
33	3-071-965-01	CAM, TILT		#10
34	3-071-966-01	SPRING (TILT), LEAF		#10
35	3-065-282-01	GUIDE (L)		#10
36	3-065-283-01	GUIDE (R)		#10
37	3-065-557-01	SCREW (M2X6.0)		#10

SCPH 39002/3/4/8 G Overall and Main Block

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Ref-No.	Part No.	Description	Remark	Place code
71 Euro	3-077-347-01	LABEL, MODEL NUMBER (CEL) for	SCPH-39004	#87
71 Ru	3-079-073-51	LABEL, MODEL NUMBER (RU3) for	SCPH-39008	#87
94	X-395-170-52	COVER ASSY, UPPER		#87
156	3-077-018-01	SHIELD (B) (G)		#16
161	3-070-120-01	SHEET, INTERCEPTION		#87

SCPH 39002/3/4/8 G MD Block

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Ref-No.	Part No.	Description	Remark	Place code
2	1-763-700-21	MOTOR, DC (SPINDLE)		#10SP
3	1-763-639-21	MOTOR, DC		#10
3	1-763-791-11	MOTOR, DC (SLED)		#10
5	3-059-845-01	SCREW (B2X6.5), SHAFT RETAINER		#10
7	X-3951-637-1	FRAME ASSY, SUB		#10
8	3-065-277-01	INSULATOR		#10
9	3-065-276-01	SCREW, STEP		#10
10	3-071-957-01	CHASSIS, MAIN		#10
13	3-059-854-02	SHAFT, MAIN		#10
14	3-059-855-02	RACK		#10
16	3-060-399-01	SCREW, SKEW		#10
17	3-060-400-01	TAPPING (B2X6.5)		#10
22	3-062-728-01	0 PLATE 3 MAIN M2X3.2		#10
23	8-820-151-18	DEVICE, OPTICAL KHS-400C/J1NP2		#10OP
26	X-3952-057-2	CHASSIS ASSY, SUB		#10
27	X-3952-059-1	BRACKET ASSY, PULLEY		#10
28	X-3952-060-1	TRAY ASSY		#10TR
30	X-3952-058-3	FRAME ASSY, MAIN		#10
32	3-068-075-02	SCREW (SUB), STEP		#10
33	3-071-965-03	CAM, TILT		#10
34	3-071-966-02	SPRING (TILT), LEAF		#10
35	3-065-282-01	GUIDE (L)		#10
36	3-065-283-01	GUIDE (R)		#10
37	3-065-557-01	SCREW (M2X6.0)		#10

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Ref-No.	Part No.	Description	Remark
11	X39535851	COVER ASSY(H), UPPER	(50002/3/4)
11	**X39537391**	**COVER ASSY(H), UPPER SILVER**	**(50002/3/4SS)**
11	**X39542631**	**COVER ASSY(H), UPPER AQUA**	**(50002/3/4AQ)**
16	307580401	LABEL, LASER CAUTION	
12 Euro	308463501	LABEL, MODEL NUMBER	(50004)
12 Euro	**308587901**	**LABEL, MODEL NUMBER SILVER**	**(50004SS)**
12 Euro	**309015501**	**LABEL, MODEL NUMBER AQUA**	**(50004SS)**

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Ref-No.	Part No.	Description
101	X39535901	FRAME (H) ASSY, MAIN
103	308452801	COVER (H), GEAR
104	306550502	BELT, RUBBER
105	305985601	PULLEY
106	176378221	MOTOR, DC (LO UNIT)
107	308452701	CAM (H), SLIDE
109	308452601	GEAR (H), DRIVING
110	308452501	FRAME (H), MAIN
111	X39535911	FRAME ASSY, SUB
112	306807401	CUSHION (FRAME)
113	176370022	MOTOR, DC (SPINDLE)
114	308182901	SCREW (P2X3.7)
115	308452901	CHASSIS
116	308183001	INSULATOR
117	306807502	SCREW (SUB), STEP
118	306527601	SCREW, STEP
119	308453201	CAM (TM), TILT
120	308453301	SPRING (TILT), LEAF
121	176388912	MOTOR, DC (SLED)
122	306039901	SCREW, SKEW
123	882015118	DEVICE, OPTICAL KHS-400C/J1NP2
124	308453001	SHAFT (H), MAIN
125	308182501	RACK
126	308265301	0 PART-NO. 3 MAIN M2X3
127	308453101	SHAFT (H), SUB
129	307425511	FRAME, SUB

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Ref-No.	Part No.	Description
51	308451401	SHIELD (B) (H)
52	307455201	0 PLATE 2 MAIN 2X5 S TITE
53	308451301	SHIELD (HDD) (H)
60	152817451	BATTERY, LITHIUM (CR2032 TYPE)
64	A6800233A	SW-398 BOARD, COMPLETE

SCPH 50002/3/4/8 I & ISS Overall and Main Block re. Page 25

Ref-No.	Part No.	Description
50	308450901	BUTTON (H), SWITCH
94	X39533011	COVER (H) ASSY, UPPER
94	**X39537391**	**COVER (H) ASSY, UPPER SILVER**
156	308845501	SHIELD (B (H))
71 Euro	308825301	LABEL SCPH-50004 (PS-S/I) FOX
71 Euro	**308869701**	**LABEL SCPH-50004SS (PS-S/I) FOX**
m327	308193901	SCREW (M3X27)

SCPH 50002/3/4/8 I & ISS MD Block re. Page 26

Ref-No.	Part No.	Description
2	176370023	MOTOR, DC (SPINDLE)
2	176388321	MOTOR, DC (SPINDLE)
2	176383313	MOTOR, DC (SPINDLE)
2	883578111	MOTOR, DC (SPINDLE)
2	176370031	MOTOR, DC (SPINDLE)
3	176388912	MOTOR, DC (SLED)
3	176379112	MOTOR, DC (SLED)
3	176363932	MOTOR, DC
3	176363922	MOTOR, DC
7	X39535911	FRAME ASSY, SUB
8	308183001	INSULATOR
9	306527601	SCREW, STEP
10	308452901	CHASSIS
13	308453001	SHAFT (H), MAIN
14	308182501	RACK
16	306039901	SCREW, SKEW
17	306040001	TAPPING (B2X6.5)
22	308182901	SCREW (P2X3.7)
23	882015128	DEVICE, OPTICAL KHS-400C
23	882015119	DEVICE, OPTICAL KHS-400C
23	882015120	DEVICE, OPTICAL KHS-400C
23	882015127	DEVICE, OPTICAL KHS-400C
23	882015121	DEVICE, OPTICAL KHS-400C
23	882015129	DEVICE, OPTICAL KHS-400C
27	X39532841	BRACKET ASSY, PULLEY
30	X39535901	FRAME (H) ASSY, MAIN
30	X39532831	FRAME (H) ASSY, MAIN
33	308453201	CAM (TM), TILT
34	308453301	SPRING (TILT), LEAF
35	308453101	SHAFT (H), SUB